Google Maps to start directing users to eco-friendly routes

Google Maps

- Google has announced that Maps will start directing users along routes estimated to generate the lowest carbon emissions.

- The default route will be the one with the lowest carbon footprint if it takes about the same time as the fastest route.

- However, if the eco-friendly route takes significantly more time, it will allow users to compare estimated emissions between routes.

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Wolf Warrior Diplomacy

- Wolf warrior diplomacy describes an aggressive style of diplomacy adopted by Chinese diplomats in the 21st century, under Chinese leader Xi Jinping's administration.

- The term was coined from a Rambo-style Chinese action film, Wolf Warrior 2.

- In contrast to prior Chinese diplomatic practice, which had emphasized the avoidance of controversy and the use of cooperative rhetoric, wolf warrior diplomacy is confrontational and combative, with its proponents loudly denouncing any criticism of China on social media and in interviews.

Impact of Wolf Warrior Diplomacy
On China:

• This new approach seems popular inside China and reinforces a presumed transition of Chinese diplomacy

• Beijing has clearly concluded that the United States is a global power in decline, and that the time is ripe for China to press its perceived advantages.

• Wolf warrior diplomacy will continue to define China's public posture in the intensifying superpower competition and shape the international landscape for some time to come.

• Chinese believe that Americans no longer have an overwhelming reservoir of global influence, nor the power to wield it against China.

• This has made China more confident than once was in pursuing its aims openly and unabashedly — from human rights issues in Hong Kong and Xinjiang to territorial disputes with neighboring countries.

On India:

- China becomes more powerful, India could increasingly view its development as a threat to its national interests.

- Chinese leaders view India as their rival, competitor and foe.

- Their inherent psychological fear that a strong and stable India will act as a deterrence in becoming a world power constantly reverberates.

- A similar stance could be seen in China's engagement with India on border issues and other areas of contention.

On Global Politics:

- Relations between the reigning superpower and the aspiring one will be antagonistic and the rest of the world will have to navigate — sometimes delicately, sometimes openly.

- China's more aggressive diplomatic posture is likely to further intensify tensions with the US

- The international community is poised to face an increasingly aggressive Chinese nationalism.

Multi-beam E-band product Giga Mesh

Astrome, a women-led startup, has developed an innovative wireless product that gives fibre like band-width at fraction of cost of fibre to help telecom operators deliver reliable low-cost internet services to sub-urban and rural areas.

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- The wireless product called Giga Mesh could enable telecom operators deploy quality, high-speed rural telecom infrastructure at 5 times lower cost.

- Rural connectivity customers and defence customers who have already signed up for pilots will soon witness the demonstration of this product by Astrome.

- The deep tech startup incubated at the Indian Institute of Science (IISc), Bangalore, and supported by DST-ABI Woman Startup Program of the Department of Science and Technology (DST), Government of India proved their millimeter-wave multi-beam technology in the lab in 2018, for which the company has been granted a patent in India and US.

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- Since then, the technology has been converted to a powerful and scalable product called Giga Mesh, which can solve much of the last mile connectivity telecom needs of our country.

- The product has been proven on the field and also integrated with partner products for its upcoming commercialization.

- The Multi-beam E-band product, Giga Mesh, packs 6 Point -to-Point E-band radios in one, thereby distributing the cost of the device over multiple links and hence reduces capital expenditure.

- The radio provides long-range and multi-Gbps data throughput at each link.

- Features like automatic link alignment, dynamic power allocation between links, and remote link formation help operators achieve significant operating expenditure cost reduction.